

What is Claimed is:

1. A direct current brushless motor, comprising:

a base, having a receiving chamber whose one end is formed with a shaft hole;

a film printed circuit, having at least two coil sets, a set of Hall sensing drive member, and a connecting end for connection with a power supply, the film printed circuit being enclosed and wound around a periphery of the base, and each of the coil sets of the film printed circuit being oppositely distributed on the periphery of the base in an equally angular manner with the receiving chamber serving as a center;

a rotor, having a rotation shaft and a permanent magnet ring, the rotation shaft pivoted on the shaft hole of the base, the permanent magnet ring and each of the coil sets around the periphery of the base directly producing mutually repulsive forces, so that the rotor is driven to rotate successively.

2. The direct current brushless motor as claimed in claim 1, wherein the periphery of the base is formed with multiple receiving holes for receiving each of the coil sets of the film printed circuit.

3. The direct current brushless motor as claimed in claim 1, wherein the periphery of the base is formed with multiple recesses for receiving the film printed circuit.

4. The direct current brushless motor as claimed in claim 1, wherein the rotation shaft and the permanent magnet ring of the rotor are connected by blades.

5. The direct current brushless motor as claimed in claim 1, wherein the film printed circuit is provided with a fixing magnetic member that is made of magnetically conductive material.

1 6. The direct current brushless motor as claimed in claim 1, wherein
2 one end of the receiving chamber of the base is combined with a cover plate.

3 7. The direct current brushless motor as claimed in claim 6, wherein
4 the cover plate has a shaft hole for pivoting the rotation shaft of the rotor.

5 8. The direct current brushless motor as claimed in claim 1, wherein
6 the Hall sensing drive member includes a Hall sensor, and a drive member.

7 9. The direct current brushless motor as claimed in claim 8, wherein
8 the Hall sensing drive member may be integrated to make an integrated circuit.

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